Gearoid O'Treasaigh

Software Craftsmanship Coach

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Profile

An award-winning software craftsmanship coach with a proven track record of success in transforming organisations' software applications. Coaches and trains teams in Extreme Programming to continuously improve their software development lifecycle and produce high-quality software. Looking for opportunities to help teams improve their software craftsmanship skills as a Technical Software Coach.

Achievements

Technical Skills Transformation

- Led an organisation transformation of ~1,000 developers across London, Brazil, and Mexico through training dojos on Extreme Programming practices. This led to improved communication, negotiating requirements, continuous integration and faster development, which meant that features matched users' expectations.
- Created and delivered a course on basic data analysis using Jupyter Notebooks, which enabled both technical and non-technical participants to make more data-driven decisions for building their applications. This reduced to five minutes, the recreation of reports with updated data that had previously taken two hours.
- Organised outward mindset classes and a guild for an organisation of over 260 people. This increased the teams' ability to achieve their objectives and key results (OKRs).
- Received the "Peer-to-Peer Recognition - Growth Minded" award for transforming the organisation.

Modernising a business partner application on NodeJS

- Created a NodeJS application that automated opportunity, incentive, and deal registration creation for 10k business partners and their 200k users handling 10 billion USD$.
- The transformation led to users instantly recording the opportunities and products they were selling. In comparison, the old process could take them days as they waited for each step to complete.
- Led, mentored, and coached a tribe of 18 developers, to enable them to improve their technical skills, get promoted and for 3 of them to take on squad lead roles.
- Earned an Outstanding Technical Achievement Award for modernising the user experience, simplifying the user journey, and cutting the development cost by almost 90%.

DevOps Transformation

- Transformed the deployment process for an on-premises instance which took seventy-two hours to be able to run within two hours.
- Continuously sought areas that were not automated. This freed up two people in operations during deployment weekends and reduced the time of deployments, thereby giving the team a better quality of life.
- Awarded the Outstanding Technical Achievement Award for being the first team to introduce Urban Code Deployment and use it to deploy to production.

Career History

Software Craftsmanship Coach, BriX Consulting s.r.o., London   Dec 2023 – Present

Helping organisations to improve their software craftsmanship skills by 2,000% covering Agile, eXtreme Programming (XP) and DevOps techniques.

IBM   Jun 2008 – Jun 2023
Software Craftsmanship Coach, London   Jan 2022 – Jun 2023

Coached and trained development teams on using Extreme Programming practices in their work to improve their ability to deliver high-quality software. This led to a 400% improvement in their software craftsmanship skills.

Implementation Architect & Technical Lead, London   Oct 2020 – Dec 2021

Architected NodeJS microservices for partner relationship management on Salesforce to ensure that all reporting and sales systems had the latest data. Led the development of an API layer for a NodeJS application that could connect either to Salesforce or SugarCRM allowing a seamless migration between SugarCRM and Salesforce.

Senior JavaScript Full Stack Development Lead, *Dublin & London*   *Jan 2017 – Oct 2020*
Modernised a legacy partner relationship management application using NodeJS, REST APIs and AngularJS which reduced deal registration time from 2 days to 2 minutes. Tribe-lead for a group of 18 developers simplifying opportunity management, incentives and deal registration.

DevOps & Web Development Lead, *Dublin*   *Mar 2011 – Dec 2016*
Led a squad of developers to automate the deployment of SugarCRM along with several microservices which removed the need for developers to be online for hours for deployments. Also, developed collaboration features in PHP integrating IBM Connections into SugarCRM which ensured that everyone on the deal knew the latest details of its progress.

Web Application Developer, *Dublin*   *May 2009 – Mar 2011*
Web developer on several enterprise collaboration applications using Java and C for the backend with HTML, Dojo, JavaScript, and CSS for the frontend. The collaboration applications allowed organisations to create team rooms to facilitate communication and education.

Graduate Web Application Developer, *Dublin*   *Jun 2008 – May 2009*
Java developer on the XPages application, which provided users the ability to create Domino applications in an hour using a drag-and-drop interface instead of taking days to build the application.

Skills

Deployment	AWS, Deta, GitHub Actions, IBM Cloud, Jenkins, Netlify, Okteto, Terraform, Travis
Professional Coaching	Empathetic one-on-one professional coaching and training new coaches.
Extreme Programming	Automated Testing, Behaviour Driven Development (BDD), CI/CD, DevOps, Pair Programming, Test Driven Development (TDD)
Leadership	Leading transformation initiatives and servant leader for 3 development squads.
Programming Languages	Bash, CSS, HTML, Java, JavaScript, Python
Software Development	Agile Development, Kanban, Architecture, Docker, Git, Linux
Technical Coaching	Running experiential training using training from the back of the room techniques, pair programming, and hands-on learning.

Awards

Peer-to-Peer Recognition - Growth Minded, 2023	**Outstanding Technical Achievement**, 2014
IBM Service Corps, 2018	**People's Innovation Choice**, 2014
Outstanding Technical Achievement, 2017	**Leadership Excellence**, 2013

Certifications

Agile Coaching	Slack Certified Admin	Blue Core Coaching Supervisor
Agile Team Facilitation	XP Farm Coach	Blue Core Coach
IBM Garage Foundation	IBM Career Coach	Developing and Implementing an Outward Mindset

Education

Bachelor of Science in Computing Studies   *University of Galway*
Final Grade: 1:1   *2004 – 2008*
Thesis: Porting pkgsrc from NetBSD to MINIX
Modules: Object Oriented Programming, Cryptography, Modelling, Networks, Numerical Analysis, Software Development